

Magdalena Parlinska-Wojtan

List of Publications by Year in descending order

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113
papers

3,164
citations

147566

31
h-index

189595

50
g-index

120
all docs

120
docs citations

120
times ranked

4690
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Application of iron-based magnetic nanoparticles stabilized with triethanolammonium oleate for theranostics. <i>Journal of Materials Science</i> , 2022, 57, 4716-4737. | 1.7 | 13 |
| 2 | Differential of cholangiocarcinoma disease using Raman spectroscopy combined with multivariate analysis. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 272, 121006. | 2.0 | 13 |
| 3 | N-Acetyl-Cysteine Increases Activity of Peanut-Shaped Gold Nanoparticles Against Biofilms Formed by Clinical Strains of <i>Pseudomonas aeruginosa</i> Isolated from Sputum of Cystic Fibrosis Patients. <i>Infection and Drug Resistance</i> , 2022, Volume 15, 851-871. | 1.1 | 4 |
| 4 | The role of the addition of Cu in alloyed and multilayered Fe-based nanowires. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2022, 281, 115732. | 1.7 | 5 |
| 5 | Controlling the selectivity of high-surface-area Ru/TiO ₂ catalysts in CO ₂ reduction - modifying the reaction properties by Si doping of the support. <i>Applied Catalysis B: Environmental</i> , 2022, 317, 121748. | 10.8 | 7 |
| 6 | Effects of SiO ₂ -doping on high-surface-area Ru/TiO ₂ catalysts for the selective CO methanation. <i>Applied Catalysis B: Environmental</i> , 2021, 282, 119483. | 10.8 | 27 |
| 7 | ROS-Mediated Apoptosis and Autophagy in Ovarian Cancer Cells Treated with Peanut-Shaped Gold Nanoparticles. <i>International Journal of Nanomedicine</i> , 2021, Volume 16, 1993-2011. | 3.3 | 40 |
| 8 | Bactericidal Properties of Rod-, Peanut-, and Star-Shaped Gold Nanoparticles Coated with Ceragenin CSA-131 against Multidrug-Resistant Bacterial Strains. <i>Pharmaceutics</i> , 2021, 13, 425. | 2.0 | 25 |
| 9 | Varied-shaped gold nanoparticles with nanogram killing efficiency as potential antimicrobial surface coatings for the medical devices. <i>Scientific Reports</i> , 2021, 11, 12546. | 1.6 | 61 |
| 10 | Controlling the O-Vacancy Formation and Performance of Au/ZnO Catalysts in CO ₂ Reduction to Methanol by the ZnO Particle Size. <i>ACS Catalysis</i> , 2021, 11, 9022-9033. | 5.5 | 53 |
| 11 | Steering the selectivity in CO ₂ reduction on highly active Ru/TiO ₂ catalysts: Support particle size effects. <i>Journal of Catalysis</i> , 2021, 401, 160-173. | 3.1 | 25 |
| 12 | Gold-Decorated Platinum and Palladium Nanoparticles as Modern Nanocomplexes to Improve the Effectiveness of Simulated Anticancer Proton Therapy. <i>Pharmaceutics</i> , 2021, 13, 1726. | 2.0 | 7 |
| 13 | Peanut-Shaped Gold Nanoparticles with Shells of Ceragenin CSA-131 Display the Ability to Inhibit Ovarian Cancer Growth In Vitro and in a Tumor Xenograft Model. <i>Cancers</i> , 2021, 13, 5424. | 1.7 | 5 |
| 14 | Ceragenin-Coated Non-Spherical Gold Nanoparticles as Novel Candidacidal Agents. <i>Pharmaceutics</i> , 2021, 13, 1940. | 2.0 | 5 |
| 15 | Targeting bacteria causing otitis media using nanosystems containing nonspherical gold nanoparticles and ceragenins. <i>Nanomedicine</i> , 2021, 16, 2657-2678. | 1.7 | 4 |
| 16 | Gold nanodahlia: potential nanophotosensitizer in photothermal anticancer therapy. <i>Journal of Materials Science</i> , 2020, 55, 2530-2543. | 1.7 | 8 |
| 17 | Synthesis method-dependent photothermal effects of colloidal solutions of platinum nanoparticles used in photothermal anticancer therapy. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5401. | 1.7 | 11 |
| 18 | Size effect of platinum nanoparticles in simulated anticancer photothermal therapy. <i>Photodiagnosis and Photodynamic Therapy</i> , 2020, 29, 101594. | 1.3 | 20 |

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|----|---|------|-----------|
| 19 | Ultraslow Spin Relaxation Dynamics in Colloidal Copper-Doped CdSe Quantum Dots. <i>Journal of Physical Chemistry C</i> , 2020, 124, 1042-1052. | 1.5 | 4 |
| 20 | Fe ₃ O ₄ @SiO ₂ @Au nanoparticles for MRI-guided chemo/NIR photothermal therapy of cancer cells. <i>RSC Advances</i> , 2020, 10, 26508-26520. | 1.7 | 26 |
| 21 | CO ₂ Reduction to Methanol on Au/CeO ₂ Catalysts: Mechanistic Insights from Activation/Deactivation and SSITKA Measurements. <i>ACS Catalysis</i> , 2020, 10, 3580-3594. | 5.5 | 47 |
| 22 | Raising the CO ₂ Methanation Activity of a Ru/Al ₂ O ₃ Catalyst by Activated Modification of Metal-Support Interactions. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 22763-22770. | 7.2 | 66 |
| 23 | Rod-shaped gold nanoparticles exert potent candidacidal activity and decrease the adhesion of fungal cells. <i>Nanomedicine</i> , 2020, 15, 2733-2752. | 1.7 | 13 |
| 24 | Aktivierete Modifikation der Träger-Metall-Wechselwirkungen als Schlüssel für hochaktive Ru/Al ₂ O ₃ Katalysatoren für die CO _x -Methanisierung. <i>Angewandte Chemie</i> , 2020, 132, 22951-22959. | 1.6 | 0 |
| 25 | Gold Nanoparticles as Prospective Support for Cisplatin in Glioblastoma Nano-Chemo-Radiotherapy. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9082. | 1.8 | 7 |
| 26 | Fancy-Shaped Gold-Platinum Nanocauliflowers for Improved Proton Irradiation Effect on Colon Cancer Cells. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9610. | 1.8 | 15 |
| 27 | Ternary Pt/Re/SnO ₂ /C catalyst for EOR: Electrocatalytic activity and durability enhancement. <i>Nano Research</i> , 2020, 13, 832-842. | 5.8 | 14 |
| 28 | Similarities in the General Chemical Composition of Colon Cancer Cells and Their Microvesicles Investigated by Spectroscopic Methods-Potential Clinical Relevance. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1826. | 1.8 | 4 |
| 29 | Encapsulation of Ru nanoparticles: Modifying the reactivity toward CO and CO ₂ methanation on highly active Ru/TiO ₂ catalysts. <i>Applied Catalysis B: Environmental</i> , 2020, 270, 118846. | 10.8 | 84 |
| 30 | From spherical to bone-shaped gold nanoparticles—Time factor in the formation of Au NPs, their optical and photothermal properties. <i>Photodiagnosis and Photodynamic Therapy</i> , 2020, 30, 101670. | 1.3 | 20 |
| 31 | Temperature-controlled synthesis of hollow, porous gold nanoparticles with wide range light absorption. <i>Journal of Materials Science</i> , 2020, 55, 5257-5267. | 1.7 | 17 |
| 32 | Autologous tumor-derived microvesicles influence gene expression profiles and enhance protumorigenic chemotactic potential, signal transduction and cellular respiration in gastric cancer cells. <i>International Journal of Oncology</i> , 2020, 56, 359-367. | 1.4 | 2 |
| 33 | Platinum-gold nanoraspberries as effective photosensitizer in anticancer photothermal therapy. <i>Journal of Nanobiotechnology</i> , 2019, 17, 107. | 4.2 | 20 |
| 34 | Control of Arms of Au Stars Size and its Dependent Cytotoxicity and Photosensitizer Effects in Photothermal Anticancer Therapy. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5011. | 1.8 | 12 |
| 35 | Preparation of Pt-skin PtRhNi Nanoframes Decorated with Small SnO ₂ Nanoparticles as an Efficient Catalyst for Ethanol Oxidation Reaction. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 22352-22363. | 4.0 | 18 |
| 36 | Highly Active and Stable Single-Atom Cu Catalysts Supported by a Metal-Organic Framework. <i>Journal of the American Chemical Society</i> , 2019, 141, 5201-5210. | 6.6 | 361 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | Nanoindentation deformation and cracking in sapphire. <i>Ceramics International</i> , 2019, 45, 9835-9845. | 2.3 | 19 |
| 38 | Conversion of bimetallic PtNi ₃ nanopolyhedra to ternary PtNiSn nanoframes by galvanic replacement reaction. <i>Nanoscale</i> , 2019, 11, 5355-5364. | 2.8 | 12 |
| 39 | Ternary Pt/Re/SnO ₂ nanoparticles for ethanol oxidation reaction: Understanding the correlation between the synthesis route and the obtained material. <i>Applied Catalysis A: General</i> , 2019, 570, 319-328. | 2.2 | 8 |
| 40 | The optimization of methods of synthesis of nickel-silver core-shell nanoparticles for conductive materials. <i>Nanotechnology</i> , 2019, 30, 015601. | 1.3 | 12 |
| 41 | Green synthesis and antibacterial effects of aqueous colloidal solutions of silver nanoparticles using clove eugenol. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4276. | 1.7 | 29 |
| 42 | FTIR-ATR spectroscopy of pollen and honey as a tool for unifloral honey authentication. The case study of rape honey. <i>Food Control</i> , 2018, 84, 33-40. | 2.8 | 99 |
| 43 | Qualitative and quantitative changes in phospholipids and proteins investigated by spectroscopic techniques in olfactory bulbectomy animal depression model. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 148, 24-31. | 1.4 | 13 |
| 44 | Comparing dried and liquid blood serum samples of depressed patients: An analysis by Raman and infrared spectroscopy methods. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 150, 80-86. | 1.4 | 16 |
| 45 | Applications of Noble Metal-Based Nanoparticles in Medicine. <i>International Journal of Molecular Sciences</i> , 2018, 19, 4031. | 1.8 | 172 |
| 46 | Design and assembly of ternary Pt/Re/SnO ₂ NPs by controlling the zeta potential of individual Pt, Re, and SnO ₂ NPs. <i>Journal of Nanoparticle Research</i> , 2018, 20, 144. | 0.8 | 22 |
| 47 | Identification of birch pollen species using FTIR spectroscopy. <i>Aerobiologia</i> , 2018, 34, 525-538. | 0.7 | 33 |
| 48 | Qualitative and quantitative changes in phospholipids and proteins investigated by spectroscopic techniques in animal depression model. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017, 176, 30-37. | 2.0 | 11 |
| 49 | The role of zinc deficiency-induced changes in the phospholipid-protein balance of blood serum in animal depression model by Raman, FTIR and UV-vis spectroscopy. <i>Biomedicine and Pharmacotherapy</i> , 2017, 89, 549-558. | 2.5 | 22 |
| 50 | Design and Control of Mode Interaction in Coupled ZnTe Optical Microcavities. <i>Crystal Growth and Design</i> , 2017, 17, 3716-3723. | 1.4 | 7 |
| 51 | Structural, chemical and optical properties of SnO ₂ NPs obtained by three different synthesis routes. <i>Journal of Physics and Chemistry of Solids</i> , 2017, 107, 100-107. | 1.9 | 17 |
| 52 | FTIR analysis of molecular composition changes in hazel pollen from unpolluted and urbanized areas. <i>Aerobiologia</i> , 2017, 33, 1-12. | 0.7 | 43 |
| 53 | Synthesis and characterization of new functionalized polymer-Fe ₃ O ₄ nanocomposite particles. <i>EXPRESS Polymer Letters</i> , 2017, 11, 2-13. | 1.1 | 15 |
| 54 | Effects of laser surface texturing on the wear and failure mechanism of grey cast iron reciprocating against steel under starved lubrication conditions. <i>Wear</i> , 2017, 386-387, 29-38. | 1.5 | 44 |

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| 55 | Spectroscopic and positron lifetime measurements of hydrogenated single walled carbon nanohorns. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2016, 213, 2461-2467. | 0.8 | 0 |
| 56 | Distributed Bragg reflectors obtained by combining Se and Te compounds: Influence on the luminescence from CdTe quantum dots. <i>Journal of Applied Physics</i> , 2016, 119, 183105. | 1.1 | 9 |
| 57 | Green synthesis and antibacterial effects of aqueous colloidal solutions of silver nanoparticles using camomile terpenoids as a combined reducing and capping agent. <i>Bioprocess and Biosystems Engineering</i> , 2016, 39, 1213-1223. | 1.7 | 80 |
| 58 | Phospholipid-protein balance in affective disorders: Analysis of human blood serum using Raman and FTIR spectroscopy. A pilot study. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016, 131, 287-296. | 1.4 | 40 |
| 59 | Oxygen diffusion in columnar TiAlSiN coatings investigated by electron microscopy. <i>Thin Solid Films</i> , 2016, 616, 437-443. | 0.8 | 17 |
| 60 | Deactivation of Au/CeO ₂ catalysts during CO oxidation: Influence of pretreatment and reaction conditions. <i>Journal of Catalysis</i> , 2016, 341, 160-179. | 3.1 | 67 |
| 61 | Effect of electron-hole separation on optical properties of individual Cd(Se,Te) quantum dots. <i>Physical Review B</i> , 2016, 93, . | 1.1 | 6 |
| 62 | Analysis of morphological and molecular composition changes in allergenic <i>Artemisia vulgaris</i> L. pollen under traffic pollution using SEM and FTIR spectroscopy. <i>Environmental Science and Pollution Research</i> , 2016, 23, 23203-23214. | 2.7 | 42 |
| 63 | 3D Ñ-Conjugated Poly(amic) Acid Polymer as Support Matrices for Ethanol Electro-Oxidation on Palladium and Platinum Catalysts. <i>Electrocatalysis</i> , 2016, 7, 317-325. | 1.5 | 4 |
| 64 | Olfactory bulbectomy-induced changes in phospholipids and protein profiles in the hippocampus and prefrontal cortex of rats. A preliminary study using a FTIR spectroscopy. <i>Pharmacological Reports</i> , 2016, 68, 521-528. | 1.5 | 17 |
| 65 | AlN/Si ₃ N ₄ multilayers as an interface model system for Al ^{1x} Si _x N/Si ₃ N ₄ nanocomposite thin films. <i>Surface and Coatings Technology</i> , 2015, 261, 418-425. | 2.2 | 7 |
| 66 | Mechanical behavior of intragranular, nano-porous electrodeposited zinc oxide. <i>Thin Solid Films</i> , 2015, 578, 174-179. | 0.8 | 4 |
| 67 | Engineering the hole confinement for CdTe-based quantum dot molecules. <i>Journal of Applied Physics</i> , 2015, 117, . | 1.1 | 2 |
| 68 | Microstructure and reducibility of Ceâ€“Erâ€“O mixed oxides supported on Î³-Al ₂ O ₃ â€“ Effect of preparation method. <i>Applied Surface Science</i> , 2015, 351, 1094-1104. | 3.1 | 5 |
| 69 | Synthesis and catalytic, antimicrobial and cytotoxicity evaluation of gold and silver nanoparticles using biodegradable, Î-conjugated polyamic acid. <i>Environmental Science: Nano</i> , 2015, 2, 518-527. | 2.2 | 26 |
| 70 | Structural investigation of SnO ₂ catalytic nanoparticles doped with F and Sb. <i>Surface and Interface Analysis</i> , 2014, 46, 1090-1093. | 0.8 | 4 |
| 71 | Quantitative imaging of diatoms by PeakForce atomic force microscopy. <i>Surface and Interface Analysis</i> , 2014, 46, 851-855. | 0.8 | 2 |
| 72 | Real space crystallography of a complex metallic alloy: high-angle annular dark-field scanning transmission electron microscopy of o-Al ₄ (Cr,Fe). <i>Journal of Applied Crystallography</i> , 2014, 47, 1026-1031. | 1.9 | 5 |

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|----|---|-----|-----------|
| 73 | Sequence of deformation and cracking behaviours of Galliumâ€“Arsenide during nano-scratching. Materials Chemistry and Physics, 2013, 138, 38-48. | 2.0 | 30 |
| 74 | Spectroscopic assessment of the role of hydrogen in surface defects, in the electronic structure and transport properties of TiO ₂ , ZnO and SnO ₂ nanoparticles. Physical Chemistry Chemical Physics, 2013, 15, 1417-1430. | 1.3 | 40 |
| 75 | Exploiting interactions between structure size and indentation size effects to determine the characteristic dimension of nano-structured materials by indentation. Journal Physics D: Applied Physics, 2013, 46, 265301. | 1.3 | 10 |
| 76 | Phase constitution and interface structure of nano-sized Ag-Cu/AlN multilayers: Experiment and <i>ab initio</i> modeling. Applied Physics Letters, 2012, 101, . | 1.5 | 16 |
| 77 | Differences in Electrophysical and Gas Sensing Properties of Flame Spray Synthesized Fe ₂ O ₃ (<i>Î³</i> -Fe ₂ O ₃ and <i>T</i>) ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 582 Td 6401-6411. | 0.9 | 6 |
| 78 | Effect of Nb doping on structural, optical and photocatalytic properties of flame-made TiO ₂ nanopowder. Environmental Science and Pollution Research, 2012, 19, 3696-3708. | 2.7 | 36 |
| 79 | Nanocomposite Alâ€“Geâ€“N thin films and their mechanical and optical properties. Journal of Materials Chemistry, 2012, 22, 16761. | 6.7 | 15 |
| 80 | Passing the limit of electrodeposition: â€“Gas templateâ€“ TM H ₂ nanobubbles for growing highly crystalline nanoporous ZnO. Nano Energy, 2012, 1, 742-750. | 8.2 | 14 |
| 81 | CO ₂ hydrogenation on a metal hydride surface. Physical Chemistry Chemical Physics, 2012, 14, 5518. | 1.3 | 37 |
| 82 | Characterization of Silver Nanoparticle Products Using Asymmetric Flow Field Flow Fractionation with a Multidetector Approach â€“ a Comparison to Transmission Electron Microscopy and Batch Dynamic Light Scattering. Analytical Chemistry, 2012, 84, 2678-2685. | 3.2 | 142 |
| 83 | Temperature dependence of large exchange-bias in TbFe-Co/Pt. Applied Physics Letters, 2012, 101, . | 1.5 | 30 |
| 84 | Nanocrystalline-to-amorphous transition in nanolaminates grown by low temperature atomic layer deposition and related mechanical properties. Applied Physics Letters, 2012, 100, . | 1.5 | 52 |
| 85 | Correlation of electrolyte-derived inclusions to crystallization in the early stage of anodic oxide film growth on titanium. Thin Solid Films, 2012, 520, 1804-1808. | 0.8 | 12 |
| 86 | Mechanical and tribological properties of polymer-derived Si/C/N sub-millimetre thick miniaturized components fabricated by direct casting. Journal of the European Ceramic Society, 2012, 32, 1759-1767. | 2.8 | 15 |
| 87 | Influence of intergranular phases on edge integrity of Si ₃ N ₄ /SiC wood cutting tools. Journal of the European Ceramic Society, 2011, 31, 2711-2719. | 2.8 | 7 |
| 88 | In vitro studies of the adhesion of diamond-like carbon thin films on CoCrMo biomedical implant alloy. Acta Materialia, 2011, 59, 4678-4689. | 3.8 | 44 |
| 89 | Transmission electron microscopy characterization of TiN/SiN _x multilayered coatings plastically deformed by nanoindentation. Thin Solid Films, 2010, 518, 4890-4897. | 0.8 | 20 |
| 90 | Exchange Bias and Domain Evolution at 10 ^Å m Scales. Physical Review Letters, 2010, 105, 197201. | 2.9 | 36 |

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|-----|---|-----|-----------|
| 91 | In-situ SEM indentation studies of the deformation mechanisms in TiN, CrN and TiN/CrN. <i>Micron</i> , 2009, 40, 22-27. | 1.1 | 50 |
| 92 | In situ scanning electron microscopy indentation studies on multilayer nitride films: Methodology and deformation mechanisms. <i>Journal of Materials Research</i> , 2009, 24, 1208-1221. | 1.2 | 18 |
| 93 | Microstructural comparison of material damage in GaAs caused by Berkovich and wedge nanoindentation and nanoscratching. <i>Scripta Materialia</i> , 2008, 59, 364-367. | 2.6 | 30 |
| 94 | Relaxation mechanisms in martensitic NiTi(Cu): Internal friction measurements correlated to <i>in situ</i> TEM straining. <i>Materials Science and Technology</i> , 2008, 24, 913-919. | 0.8 | 0 |
| 95 | FePt films on self-assembled SiO ₂ particle arrays. <i>Journal of Applied Physics</i> , 2008, 103, 053903. | 1.1 | 13 |
| 96 | Plastic deformation modes of gallium arsenide in nanoindentation and nanoscratching. <i>Applied Physics Letters</i> , 2007, 90, 031902. | 1.5 | 41 |
| 97 | Microstructure and mechanical properties of Al-Si-N transparent hard coatings deposited by magnetron sputtering. <i>Surface and Coatings Technology</i> , 2007, 202, 884-889. | 2.2 | 62 |
| 98 | Effect of tantalum addition on microstructure and optical properties of TiN thin films. <i>Thin Solid Films</i> , 2007, 515, 6758-6764. | 0.8 | 23 |
| 99 | The influence of the grain boundary phase on the mechanical properties of Si ₃ N ₄ -MoSi ₂ composites. <i>Acta Materialia</i> , 2007, 55, 2875-2884. | 3.8 | 21 |
| 100 | Morphological, structural and mechanical properties of NbN thin films deposited by reactive magnetron sputtering. <i>Surface and Coatings Technology</i> , 2006, 200, 6544-6548. | 2.2 | 49 |
| 101 | Influence of Ge addition on the morphology and properties of TiN thin films deposited by magnetron sputtering. <i>Thin Solid Films</i> , 2006, 496, 336-341. | 0.8 | 15 |
| 102 | Structural and chemical properties of sputter-deposited Ti-Ge-N thin films. <i>Surface and Coatings Technology</i> , 2005, 200, 1483-1488. | 2.2 | 0 |
| 103 | Microstructure and nanohardness properties of Zr-Al-N and Zr-Cr-N thin films. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2005, 23, 593-598. | 0.9 | 47 |
| 104 | Fracture mechanisms of GaAs under nanoscratching. <i>Materials Research Society Symposia Proceedings</i> , 2004, 841, R9.15.1. | 0.1 | 3 |
| 105 | Conventional and high resolution TEM investigation of the microstructure of compositionally graded TiAlSiN thin films. <i>Surface and Coatings Technology</i> , 2004, 177-178, 376-381. | 2.2 | 37 |
| 106 | Effect of Si incorporation on the properties of niobium nitride films deposited by DC reactive magnetron sputtering. <i>Surface and Coatings Technology</i> , 2004, 188-189, 435-439. | 2.2 | 33 |
| 107 | Characterization of thermally treated TiAlSiN coatings by TEM and nanoindentation. <i>Surface and Coatings Technology</i> , 2004, 188-189, 344-350. | 2.2 | 42 |
| 108 | Phonons in austenite and martensite NiTi crystals. <i>European Physical Journal Special Topics</i> , 2003, 112, 635-638. | 0.2 | 5 |

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| 109 | <title>Shape memory alloy wires turn composites into smart structures: II. Manufacturing and properties</title>. , 2002, , . | | 5 |
| 110 | Lattice dynamics of NiTi austenite, martensite, and Rphase. Physical Review B, 2002, 66, . | 1.1 | 83 |
| 111 | Adaptive composites with embedded NiTiCu wires. , 2001, 4333, 377. | | 6 |
| 112 | Vibrational response of adaptive composites. European Physical Journal Special Topics, 2001, 11, Pr8-129-Pr8-134. | 0.2 | 3 |
| 113 | Structural anelasticity of NiTi during two-stage martensitic transformation. Journal of Alloys and Compounds, 2000, 310, 312-317. | 2.8 | 20 |